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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Itaru SAIDA et al.

Group Art Unit : 3732

Appl. No. : 10/500,471

Examiner : Not Yet Assigned

Filed : July 15, 2004

Confirmation No. : 7890

For : HAIR SETTING DEVICE

**COMPLETION OF RECORD**

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop AMENDMENT  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

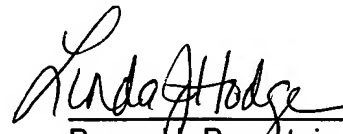
Sir :

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, Applicants hereby submit a copy of an English language translation of an International Preliminary Examination Report that was mailed on April 15, 2004, with respect to International Patent Application No. PCT/JP03/000304, of which the present application is the U.S. National Stage Application. A copy of the International Preliminary Examination Report was filed in the present application on July 15, 2004.

Applicants note that the documents cited in the International Preliminary Examination Report were previously cited in an Information Disclosure Statement. Since no new documents are being cited, Applicants believe no fee is required to ensure consideration of this completion of record.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully Submitted,  
Itaru SAIDA et al.

  
Linda J. Hodge  
Reg. #47,348  
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February 14, 2005  
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PCT

From the INTERNATIONAL BUREAU

NOTIFICATION OF TRANSMITTAL  
OF COPIES OF TRANSLATION  
OF THE INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT  
(PCT Rule 72.2)

To:

AOYAMA, Tamotsu  
AOYAMA & PARTNERS  
IMP Building, 3-7, Shiromi 1-chome  
Chuo-ku, Osaka-shi, Osaka 540-0001  
JAPON

Date of mailing ( <i>day/month/year</i> ) 16 December 2004 (16.12.2004)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 663595	
International application No. PCT/JP2003/000304	International filing date ( <i>day/month/year</i> ) 16 January 2003 (16.01.2003)
Applicant MATSUSHITA ELECTRIC WORKS, LTD. et al	

## 1. Transmittal of the translation to the applicant.

The International Bureau transmits herewith a copy of the English translation made by the International Bureau of the international preliminary examination report established by the International Preliminary Examining Authority.

## 2. Transmittal of the copy of the translation to the elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following elected Offices requiring such translation:

AZ, CA, CH, CN, CO, EP, GH, KG, KR, MK, MZ, RO, RU, TM

The following elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

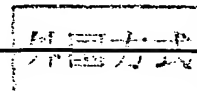
AE, AG, AL, AM, AP, AT, AU, BA, BB, BG, BR, BY, BZ, CR, CU, CZ, DE, DK, DM, DZ, EA, EC, EE, ES, FI, GB, GD, GE, GM, HR, HU, ID, IL, IN, IS, KE, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MN, MW, MX, NO, NZ, OA, OM, PH, PL, PT, SC, SD, SE, SG, SK, SL, TJ, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

## 3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report.

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer  Yoshiko Kuwahara
Facsimile No.+41 22 740 14 35	Facsimile No.+41 22 338 90 90



**Translation**

**PATENT COOPERATION TREATY**

PCT/JP2003/000304



**PCT**

**INTERNATIONAL PRELIMINARY EXAMINATION REPORT**

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 663595	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/JP2003/000304	International filing date (day/month/year) 16 January 2003 (16.01.2003)	Priority date (day/month/year) 18 January 2002 (18.01.2002)
International Patent Classification (IPC) or national classification and IPC A46B 15/00, 5/00, A45D 1/00, 20/12		
Applicant MATSUSHITA ELECTRIC WORKS, LTD.		

<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>3</u> sheets, including this cover sheet.</p> <p><input checked="" type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of <u>2</u> sheets.</p>	
<p>3. This report contains indications relating to the following items:</p> <p>I <input checked="" type="checkbox"/> Basis of the report</p> <p>II <input type="checkbox"/> Priority</p> <p>III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p>IV <input type="checkbox"/> Lack of unity of invention</p> <p>V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p>VI <input type="checkbox"/> Certain documents cited</p> <p>VII <input type="checkbox"/> Certain defects in the international application</p> <p>VIII <input type="checkbox"/> Certain observations on the international application</p>	

Date of submission of the demand 25 July 2003 (25.07.2003)	Date of completion of this report 15 April 2004 (15.04.2004)
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP2003/000304

## I. Basis of the report

### 1. With regard to the elements of the international application:\*

- ☐ the international application as originally filed
- ☒ the description:  
 pages \_\_\_\_\_ 1-13 \_\_\_\_\_, as originally filed  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_
- ☒ the claims:  
 pages \_\_\_\_\_ 9-10 \_\_\_\_\_, as originally filed  
 pages \_\_\_\_\_, as amended (together with any statement under Article 19  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_ 1, 6-8 \_\_\_\_\_, filed with the letter of \_\_\_\_\_ 16 January 2004 (16.01.2004)
- ☒ the drawings:  
 pages \_\_\_\_\_ 1-22b \_\_\_\_\_, as originally filed  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_
- ☐ the sequence listing part of the description:  
 pages \_\_\_\_\_, as originally filed  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

### 2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

### 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

### 4. ☒ The amendments have resulted in the cancellation of:

- ☐ the description, pages \_\_\_\_\_
- ☒ the claims, Nos. \_\_\_\_\_ 2-5 \_\_\_\_\_
- ☐ the drawings, sheets/fig \_\_\_\_\_

### 5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP03/00304

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. Statement**

Novelty (N)	Claims	1, 6-10	YES
	Claims		NO
Inventive step (IS)	Claims		YES
	Claims	1, 6-10	NO
Industrial applicability (IA)	Claims	1, 6-10	YES
	Claims		NO

**2. Citations and explanations**

Document 1: JP, 60-227708, A (Jack Kenneth Ibot), 13 November, 1985 (13.11.85)

Document 2: JP, 9-350, A (Kyoritsu Seiji K.K.), 7 January, 1997 (07.01.97)

Document 3: JP, 8-154727, A (K.K. Laurel), 18 June, 1996 (18.06.96)

Document 4: Microfilm of the specification and drawings annexed to the written application of Japanese Utility Model Application No. 1327/1991 (Laid-open No. 54240/1992) (Michio Nonaka), 8 May, 1992 (08.05.92)

The subject matters of claims 1 and 6-8 do not appear to involve an inventive step in view of documents 1 and 2 cited in the ISR.

Document 1 describes that an electric circuit from a conductive covering material of a handle portion through a lead piece to the negative electrode of a battery is formed so that electric energy (minus ions) flows from brush hair to the human body.

Document 2 describes that a bias voltage from a commercial power source is entered to generate anions.

Furthermore, whether electric energy (minus ions) should be fed from brush hair or a handle portion is considered to be a matter to be selected, as required, by a person skilled in the art.

So, the subject matters of claims 1 and 6-8 are considered to be a combination consisting of documents 1 and 2, and a person skilled in the art could have easily conceived of this combination.

The subject matter of claim 9 does not appear to involve an inventive step in view of documents 1-3 cited in the ISR.

Document 3 describes that a mechanism for drying a brush and human hair is provided.

The subject matter of claim 10 does not appear to involve an inventive step in view of documents 1, 2 and 4 cited in the ISR.

Document 4 describes that a heating unit for holding a brush and human hair is provided.